

Nebraska Weather & Crops

Issue NE-CW3304, released August 16, 2004, by the Nebraska Agricultural Statistics Service, USDA. For more information contact us at: 100 Centennial Mall North, Suite 298, Lincoln, NE 68508, 402-437-5541 or e-mail at nass-ne@nass.usda.gov. Homepage - http://www.usda.gov/nass/.

Agricultural Summary: For the week ending August 15, 2004, the cooler temperatures have slowed crop development to near average while crop conditions continue to rate above last year and average, according to USDA's Nebraska Agricultural Statistics Service. Some dryland crops are suffering due to a lack of adequate moisture. Producer activities included irrigating crops, finishing oat harvest, spraying for soybean aphids, and preparing for fall wheat seeding.

Weather Summary: Temperatures for the week averaged from 7 to 15 degrees below normals. Precipitation was statewide with amounts ranging from traces to over one inch.

Soil Moisture and Days Suitable: Nebraska, Week Ending August 15, 2004

| Nedraska, week Ending August 15, 2004 | | | | | | | |
|---------------------------------------|--------------|--------------|-----------|--------------|--|--|--|
| | This Week | Last Week | Last Year | Aver- age | | | |
| | WCCK | | cent | uge | | | |
| Topsoil | | | | | | | |
| Very Short | 20 | 16 | 45 | 38 | | | |
| Short | 43 | 32 | 34 | 29 | | | |
| Adequate | 36 | 49 | 21 | 32 | | | |
| Surplus | 1 | 3 | 0 | 1 | | | |
| Subsoil | | | | | | | |
| Very Short | 36 | 31 | 44 | 41 | | | |
| Short | 36 | 31 | 35 | 29 | | | |
| Adequate | 28 | 38 | 21 | 30 | | | |
| Surplus | 0 | 0 | 0 | 0 | | | |
| Days Suitable | 6.4 | 6.3 | 6.7 | 6.1 | | | |

Field Crops Report: Corn condition rated 1 percent very poor, 4 poor, 15 fair, 44 good, and 36 excellent, above last year and average. Irrigated fields rated 83 percent good and excellent while dryland fields rated 75. This compares to 77 and 16, respectively, a year ago. Seventy-one percent of the acreage had reached the dough stage, ahead of last year at 64 but behind average at 73. Twelve percent had dented, behind last year at 13 and average at 24.

Soybeans condition rated 1 percent very poor, 5 poor, 19 fair, 51 good, and 24 excellent, above last year and average. Eighty-seven percent had set pods, ahead of last year at 79 and average at 82.

Sorghum condition rated 1 percent very poor, 4 poor, 29 fair, 50 good, and 16 excellent, above last year and average. Seventy-five percent had headed out, ahead of last year at 69 but behind average at 77. Fields were showing color on 8 percent of the acreage, ahead of last year at 7 but behind average at 13.

Oat harvest progressed to 95 percent cut, behind last year at 96 and average at 98.

CORN

% DOUGH

100
80
60
40
20
7/11 7/25 8/8 8/22 9/5
— 5 YEAR AV = 2003 → 2004

PROGRESS AS OF SUNDAY

Dry beans condition declined and rated 4 percent very poor, 12 poor, 33 fair, 43 good, and 8 excellent. Eighty-five percent of the acreage had bloomed, behind last year at 95 and average at 98. Forty-six percent had set pods, behind last year at 75 and average at 80.

Alfalfa conditions declined and rated 9 percent very poor, 19 poor, 26 fair, 33 good, and 13 excellent, above last year and average. Third cutting activities progressed to 59 percent harvested, ahead of last year and average at 58. Wild hay condition rated 9 percent very poor, 17 poor, 29 fair, 37 good, and 8 excellent.

Crop Progress: Nebraska, Week Ending August 15, 2004

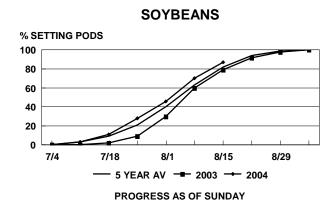
| | | | | | - |
|---------------------------------|------|------|------|-------|---|
| Crop | This | Last | Last | Aver- | |
| Сюр | Week | Week | Year | age | |
| | | Perc | ent | | |
| Alfalfa 3 rd Cutting | 59 | 38 | 58 | 58 | |
| Corn Dough | 71 | 45 | 64 | 73 | |
| Corn Dent | 12 | 4 | 13 | 24 | |
| Oats Harvested | 95 | 91 | 96 | 98 | |
| Sorghum Headed | 75 | 58 | 69 | 77 | |
| Sorghum Turning Color | 8 | 1 | 7 | 13 | |
| Soybeans Setting Pods | 87 | 70 | 79 | 82 | |

Crop Condition: Nebraska, Week Ending August 15, 2004

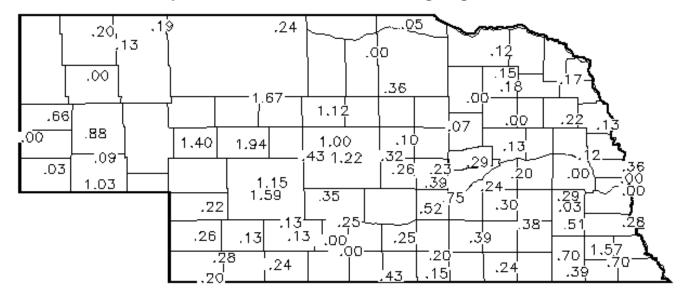
| Crop | Very Poor | Poor | Fair | Good | Excel- lent |
|----------|--------------|------|---------|------|----------------|
| | | | Percent | | |
| Alfalfa | 9 | 19 | 26 | 33 | 13 |
| Corn | 1 | 4 | 15 | 44 | 36 |
| Sorghum | 1 | 4 | 29 | 50 | 16 |
| Soybeans | 1 | 5 | 19 | 51 | 24 |

Livestock, Pasture and Range Report: Pasture and range condition declined and rated 13 percent very poor, 21 poor, 32 fair, 28 good, and 6 excellent, but remained above a year ago and average.

This release is based on data from FSA county directors, county extension educators, NOAA, and the High Plains Climate Center. County comments and reports can be found at: http://www.nass.usda.gov/ne/cropwthr/cmts_cur.htm. For those receiving an e-mail text version of this publication, a complete version including crop progress charts and precipitation maps can be found at: http://www.nass.usda.gov/ne/cropwthr/2004.htm.



Precipitation in Inches for Week Ending August 15, 2004



Precipitation: By District, Nebraska, April 1 - August 15, 2004

| | <u> </u> | | | a, , .p | 7 10.9 0.0 | , | | |
|----------------------|----------|-------|-------|---------|------------|-------|-------|-------|
| Item | NW | NC | NE | CEN | EC | SW | SC | SE |
| Total past week | .16 | .32 | .10 | .55 | .26 | .28 | .15 | .72 |
| Total since April 1 | 9.36 | 13.01 | 15.52 | 13.28 | 13.76 | 15.06 | 13.44 | 14.95 |
| Normal since April 1 | 10.96 | 13.37 | 15.23 | 14.48 | 15.98 | 12.89 | 14.32 | 16.51 |
| Total as % of normal | 84% | 97% | 101% | 91% | 85% | 116% | 94% | 90% |

Source: High Plains Climate Center data as of 8:00 a.m.

Temperature and Growing Degree Days: By Location, Nebraska, Week Ending Sunday, August 15, 2004

| | G: | | | perature | , | Growing Degree Days Since April 15 | | | |
|-------|--------------|------------|-----------|----------|------------|---------------------------------------|---------|--------|--|
| | Station | | Extremes | | Departure | Last | Current | Normal | |
| NW | Alliance | High 87 | Low 38 | 61 | -10 | Week 93 | 1635 | 1906 | |
| IN VV | | 87 90 | 36 42 | 64 | -10 -7 | 93 106 | 1782 | 1906 | |
| | Scottsbluff | 90 81 | 42 | 62 | • | 91 | | | |
| NC | Sidney | 84 | | | -10 | 91 86 | 1690 | 1962 | |
| NC | Ainsworth | | 45 | 62 | -12 | | 1811 | 2171 | |
| | Arthur | 81 | 39 | 60 62 | -13 | 84 | 1690 | 2079 | |
| NIE | O'Neill | 84 77 | 47 | | -12 | 87 75 | 1823 | 2216 | |
| NE | Concord | | 43 | 60 | -15 | | 1837 | 2287 | |
| | Elgin | 80 79 | 46 | 61 | -13 | 79 | 1857 | 2252 | |
| C | West Point | | 43 | 61 | <u>-15</u> | 80 | 1972 | 2376 | |
| C | Grand Island | 83 | 48 | 63 | -12 | 89 | 2041 | 2242 | |
| | Lexington | 82 | 51 | 63 | -10 | 93 | 2113 | 2194 | |
| EC | Ord | 82 | 47 | 63 | -11 | 90 | 1950 | 2221 | |
| EC | Lincoln | 82 | 46 | 64 | -12 | 100 | 2260 | 2455 | |
| | Central City | 78 | 49 | 62 | -12 | 84 | 2053 | 2277 | |
| | Mead | 80 | 42 | 61 | -15 | 86 | 2113. | 2434 | |
| SW | Champion | 84 | 42 | 63 | -10 | 104 | 1897 | 2106 | |
| | North Platte | 82 | 40 | 61 | -12 | 88 | 1947 | 2139 | |
| | Curtis | 81 | 43 | 62 | -11 | 91 | 2029 | 2145 | |
| SC | Arapahoe | 81 | 39 | 60 | -13 | 86 | 1702 | 2075 | |
| | Minden | 83 | 46 | 62 | -12 | 87 | 2082 | 2220 | |
| | Red Cloud | 84 | 49 | 65 | -10 | 103 | 2202 | 2265 | |
| SE | Beatrice | 82 | 47 | 63 | -13 | 96 | 2232 | 2455 | |
| | Clay Center | 82 | 47 | 62 | -12 | 87 | 2046 | 2262 | |
| | Nemaha | 82 | 49 | 64 | -12 | 101 | 2311 | 2465 | |

Source: High Plains Climate Center.

ADDRESS SERVICE REQUESTED

 $\begin{array}{ll} \text{DENVELB} \ \text{2300} \\ \text{OFFICIAL BUSINESS} \end{array}$